

## IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously amended), (cancelled), (withdrawn), (new), (previously added), (reinstated - formerly claim #), (previously reinstated), (re-presented - formerly dependent claim #) or, (previously re-presented).

Please CANCEL claim 2-21 in accordance with the following:

2-21 (cancelled)

1. (original) A method for designing a technical system,  
wherein the technical system comprises a predetermined set of target functions which are dependent on parameters;  
wherein each individual target function is weighted with a weighting factor;  
wherein an equation system comprising the parameters and the weighting factors as variables is solved in a variable space;  
wherein the solutions of the equation system form operating points of a solution space in the variable space;  
wherein the operating points are determined by means of a predictor-corrector method in which, starting from a first operating point, a predictor which is generated by means of a stochastic variable is determined in the variable space and subsequently, in a corrector step, a second operating point is determined;  
wherein the operating points are used for designing the technical system.